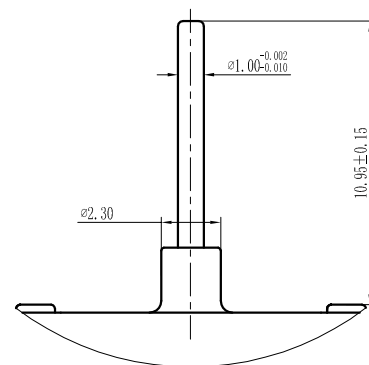
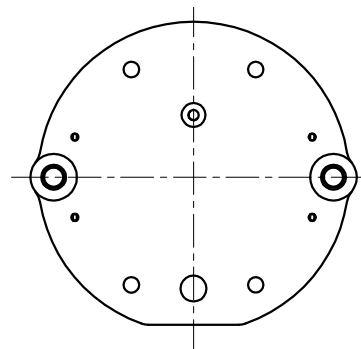
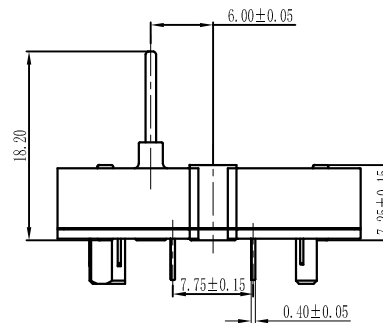
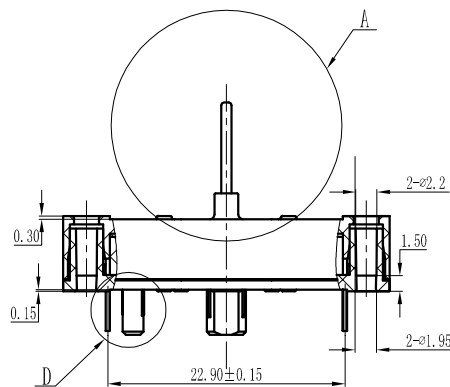
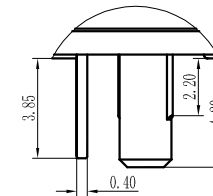
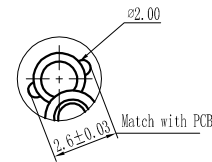
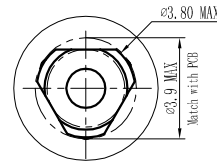
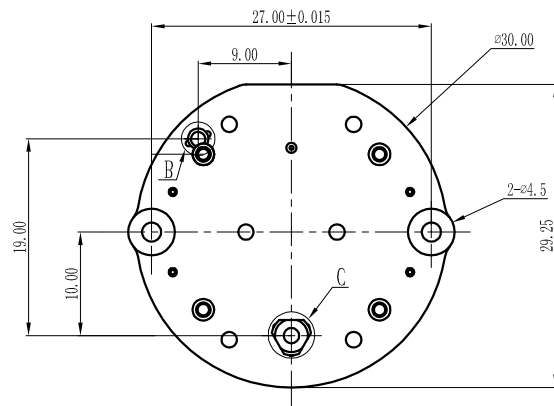
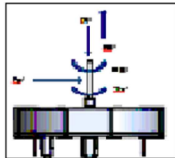




Detail A

5 : 1

Parameter	Sym.	Test Conditions	Min.	Type	Max.	Units
Operating Temperature	Ta		-40	/	105	°C
Coil Resistance	Rb		260	280	300	Ω
Operating Current	Im	fz=200Hz	/	15	20	mA
Magnetic Saturation Voltage	Ubs		/	/	9	V
Start-Stop Frequency	fss	JL=2E-7Kg/m*2	/	/	200	Hz
Maximum Driving Frequency	fm	JL=2E-7Kg/m*2	/	/	600	Hz
Dynamic Torque	M200	fz=200Hz	0.9	1.1	See fig.3	mNm
	M400	fz=400Hz	0.75	0.9		mNm
Static Torque	Ms	Ub=5V	3.5	4.0		mNm
Backlash	σ		0.5	0.7	1.0	Degree
Axial Push-on Force on shaft	FA		100	120	/	N
Axial Pull-off Force on shaft	Fa		80	100	/	N
Radial Force on shaft	Fp		12	15	/	N
Imposed Acceleration	αp			1,000	/	Rad/s*2
Holding Torque on shaft	Th		90	120	/	mNm
Maximum Inertia of the load on shaft	Jm	see Table 4	/	/	/	Kgm*2
Noise Lever	SPL	see Fig.14	/	38	42	dBA
Angle of Rotation	β		/	/	320	Degree

Tamb=25°C,Ub=5V,unless otherwise specified

						BKA30-F2		DWG NO.				
								WEIGHT		g	REV.	01
						PART NAME	Motor Assembly		QUANTITY	1	SHEET 1 OF 1	
MARK	NUMBER	DIVISION	ECN NO.	SIGNATURE	DATE	MATERIAL			SCALE	1:1		
DESIGN				Q A		 BKA ShenZhen Bactrianus Motor Co. LTD BACTRIANUS MOTOR				UNLESS OTHERWISE SPECIFIED		
CHECK				APPV'D						TOLERANCES ARE		
ENGINEERING				DATE						LINEAR 0.5 ±0.02 5.10 ±0.03 >10 ±0.05 ANGULAR ±0.3deg.		